



PTO/SB/08A (10-01)  
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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
		Application Number	10/684,644
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	October 14, 2003
		First Named Inventor	Shalini Sharma
		Art Unit	1624
		Examiner Name	Sudhaker Patel
		Attorney Docket Number	18015-D1
Sheet 1	of 10		

U.S. PATENT DOCUMENTS					
Examiner Initials <sup>5</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 4,845,231	07-04-1989	Kees	
		US- 5,948,803	09-07-1999	Maeda, et al.	
		US- 5817693 (abstract)			
		US- 4011321 (abstract)			
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FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>4</sup> (if known)				
		WO 02/59077 (abstract)				
		WO 02/14291 (abstract)				
		WO 02/02119 (abstract)				
		WO 01/81340 (abstract)				
		BR 9802163 (abstract)				
		JP 01/181281 (abstract)				
		WO 00/23409 (abstract)				
		WO 99/62520 (abstract)				
		WO 98/25608 (abstract)				
		JP 10130241 (abstract)				

Examiner Signature		Date Considered	8/25/04
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 10

**Completeness** if Known

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<b>Attorney Docket Number</b>	18015-D1

**U.S. PATENT DOCUMENTS**

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## FOREIGN PATENT DOCUMENTS

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		Country Code 3 - Number 4 - Kind Code 5 (if known)				
		JP 61040270 (abstract)				
		JP 55015460 (abstract)				
		GB 1488330 (abstract)				
		JP 52025734 (abstract)				
		DE 2527066 (abstract)				
		DE 2459468 (abstract)				
		FR 2191887 (abstract)				
		JP 47025149 (abstract)				
		JP 56115747 (abstract)				
		DE 3012012 (abstract)				

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		Art Unit	1624
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Sheet	4	of	10

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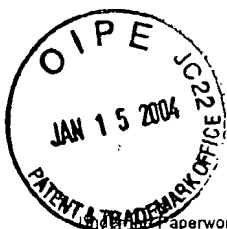
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Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code* (if known)				
		JP 50014653 (abstract)	———	———	———	
		DE 2512673 (abstract)	———	———	———	
		DE 1929165 (abstract)	———	———	———	
		ZA 6705655 (abstract)	———	———	———	
		WO 97/30017	08-21-1997	Shinkai, et al.	———	
		WO 98/07681	02-26-1998	Moinet, et al.	———	
		WO 99/62520	12-09-1999	Young, et al.	———	
		EP 71399	02-09-1983	Tsung, et al.	———	
		WO 92/12123	07-23-1992	Schirlin, et al.	———	
		WO 00/63161	10-26-2000	Kolb, et al.	———	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 10

### Complete if Known

Application Number	10/684,644
Filing Date	October 14, 2003
First Named Inventor	Shalini Sharma
Group Art Unit	1624
Examiner Name	Sudhaker Patel
Attorney Docket Number	18015-D1

### NON PATENT PUBLICATIONS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Karche, et al., "Electronic Effects in Migratory Groups...", Journal of Organic Chemistry, Vol. 66, No. 19, pages 6323-6332, 2001. (Abstract)	
		Poupardin, et al., "First approach to the cycloisodityrosine unit of RA-IV", Tetrahedron Letters, Vol. 42, No. 8, pages 1523-1526, 2001. (Abstract)	
		Manthey, et al., "Synthesis of Human Ultraviolet Filter Compounds...", Journal of Organic Chemistry, Vol. 64, No. 11, pages 3930-3933, 1999. (Abstract)	
		Wu, et al., "Improvement on the preparation of .beta.-keto esters", Huaxue Shiji, Vol. 20, No. 6, pages 376-377, 1998. (Abstract)	
		Wu, et al., "Total syntheses of furoguaiacin and related analogs", Huaxue Yanjiu Yu Yingyoung, Vol. 9, No. 6, pages 595-599, 1997. (Abstract)	
		Fadnavis, et al., "Baker's yeast mediated enantiospecific synthesis of anti-(2R,3R)...", Tetrahedron: Asymmetry, Vol. 8, No. 24, pages 4003-4006, 1997. (Abstract)	
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		Maruyama, et al., "A synthesis of (+-)-pinoresinol and its related compound using potassium persulfate (K <sub>2</sub> S <sub>2</sub> O <sub>8</sub> ) oxidation of benzoylacetates", Heterocycles, Vol. 37, No. 2, pages 839-845, 1994. (Abstract)	
		Rao, et al., "Studies on cyclodepsipeptides. Part II. The total synthesis of jaspamide and geodiamolide-D", Tetrahedron Letters, Vol. 34, No. 44, pages 7085-7088, 1993. (Abstract)	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<b>Filing Date</b>	October 14, 2003
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		<b>Group Art Unit</b>	1624
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		<b>Attorney Docket Number</b>	18015-D1
<b>Sheet</b>	6	<b>of</b>	10

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JS		Colotta, et al., "Tricyclic heteroaromatic systems...", Farmaco, Vol. 46, No. 10, pages 1139-1154, 1991. (Abstract)	
JS		Dillard, et al., "(Phenylmethoxy) phenyl derivatives of w-oxo- and w-tetrazolylalkanoic acids...", J. Med. Chem., Vol. 34, No. 9, pages 2768-2778, 1991. (Abstract)	
JS		Bose, et al., "Synthesis of 4-phenylcoumarins from Dalbergia volubilis and Exostema caribaeum", Phytochemistry, Vol. 30, No. 7, pages 2438-2439, 1991. (Abstract)	
JS		Bose, et al., "Synthesis of 4-phenylcoumarins", Indian J. Chem., Sect. B, Vol. 29B, No. 5, pages 422-444, 1990. (Abstract)	
JS		Colotta, et al., "Tricyclic heteroaromatic systems...", J. Med. Chem., Vol. 33, No. 9, pages 2646-2651, 1990. (Abstract)	
JS		Kameo, et al., "Studies on hypolipidemic agents, IV. 3-[4-(Phenylthio) benzoyl] propionic acid derivatives", Chem. Pharm. Bull., Vol. 37, No. 5, pages 1260-1267, 1989. (Abstract)	
JS		Colotta, et al., "Tricyclic heteroaromatic systems: synthesis..." J. Pharm. Sci., Vol. 78, No. 3, pages 239-242, 1989. (Abstract)	
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JS		Parmar, et al., "Synthesis of new naturally occurring 4-phenyl-2H-1-benzopyran-2-ones", Bull. Chem. Soc. Jpn., Vol. 61, No. 6, pages 2277-2279, 1988. (Abstract)	
JS		Colotta, et al., "The correct synthesis of 2,3-dihydro-2-aryl-4-R-[1] benzopyrano [4,3-c] pyrazole-3-ones", Tetrahedron Letters, Vol. 28, No. 43, pages 5165-5168, 1987. (Abstract)	
JS		Tanaka, et al., "Total synthesis of daphneticin, a coumarinolignoid", Chem. Pharm. Bull., Vol. 34, No. 2, pages 628-632, 1986. (Abstract)	

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		<b>Examiner Name</b>	Sudhaker Patel
<b>Sheet</b> 7 <b>of</b> 10	<b>Attorney Docket Number</b>	18015-D1	

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JS		Ahluwalia, et al., "Synthesis of stevenin and melanettin", Symp. Pap.- IUPAC Int. Symp. Chem. Nat. Prod., 11th, Volume 3, pages 11-13, 1978. (Abstract)	
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JS		Witiak, et al., "Synthetic aci-reductions. 3,4-Dihydroxy-2H-1-benzopyran-2-ones and their cis- and trans-4a, 5,6,7,8,8a-hexahydro diastereomers", J. Med. Chem., Vol. 31, No. 7, pages 1437-1445, 1988. (Abstract)	
JS		Entzeroth, et al., "Preparation of 3- (3-indolyl) Lactic acids...", Liebigs Ann. Chem., No. 2, pages 226-230, 1983. (Abstract)	
JS		Bhakuni, et al., Biosynthesis of tylophorine and tylophorinine", Tetrahedron, Vol. 37, No. 2, pages 401-407, 1981. (Abstract)	
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JS		Oka, et al., "Syntheses of N-heterocyclic compounds. XXVI. Syntheses of pyrido [3,4-d] pyridazine derivatives", Chem. Pharm. Bull., Vol. 23, No. 10, pages 2306-2317, 1975. (Abstract)	

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<b>Substitute for form 1449B/PTO</b>		<b>Complete if Known</b>	
		<b>Application Number</b>	10/684,644
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Filing Date</b>	October 14, 2003
		<b>First Named Inventor</b>	Shalini Sharma
		<b>Group Art Unit</b>	1624
		<b>Examiner Name</b>	Sudhaker Patel
		<b>Attorney Docket Number</b>	18015-D1
<b>Sheet</b>	8	<b>of</b>	10

<b>NON PATENT PUBLICATIONS</b>			
<b>Examiner Initials</b>	<b>Cite No.<sup>1</sup></b>	<b>Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</b>	<b>T<sup>2</sup></b>
<i>[Signature]</i>		Saunders, et al., "Syntheses of carbon-14-labeled prizidilol dihydrochloride", J. Labelled Compd. Radiopharm., Vol. 22, No. 9, pages 869-881, 1985. (Abstract)	
<i>[Signature]</i>		Arnoldi, et al., "Synthesis and sweet taste of some 2-phenylbenzodioxanes", J. Agric. Food Chem., Vol. 34, No. 2, pages 339-344, 1986. (Abstract)	
<i>[Signature]</i>		Winters, et al., "Synthesis and pregnancy terminating activity of pyrazolo [1,5-a] indoles and quinolines", Eur. J. Med. Chem.-Chim. Ther., Vol. 19, No. 3, pages 215-218, 1984. (Abstract)	
<i>[Signature]</i>		Herbert, et al., "Biosynthesis of phenanthroindolizidine alkaloids: incorporation of 2-pyrrolidin-2-ylacetophenone and benzoylactic acid and derivatives", J. Chem. Soc., Perkin Trans. 1, No. 4., pages 825-831, 1984. (Abstract)	
<i>[Signature]</i>		Toja, et al., "Synthesis and pregnancy terminating activity of 2-arylpyrazolo [5,1-a] isoindoles and isoquinolines", Eur. J. Med. Chem. -Chim. Ther., Vol. 17, No. 3, pages 223-227, 1982. (Abstract)	
<i>[Signature]</i>		Ahluwalia, et al., "An unambiguous synthesis of melannein", Indian J. Chem., Sect. B, Vol. 21B, No. 3, pages 186-188, 1982. (Abstract)	
<i>[Signature]</i>		Pelter, et al., "Synthesis and NMR spectra of 2,6- and 2,4-diaryl-3,7-dioxabicyclo [3.3.0] octanes", J. Chem. Soc., Perkin Trans. 1, No. 1, pages 183-190, 1982. (Abstract)	
<i>[Signature]</i>		Mangla, et al., "Synthesis of substituted 6,7-diphenyl-1,2,3,5,8,8a-hexahydroindolizines", Indian J. Chem., Sect. B, Vol. 19B, No. 11, pages 931-937, 1980. (Abstract)	
<i>[Signature]</i>		Mangla, et al. "Synthesis of tylophorine", Tetrahedron, Vol. 36, No. 17, pages 2489-2490, 1980. (Abstract)	
<i>[Signature]</i>		Ahluwalia, et al., "A novel synthesis of 4-phenylcoumarins having a free hydroxyl group in the phenyl ring: synthesis of melanettin and stevenin", Heterocycles, Vol. 14, No. 9, pages 1329-1330, 1980. (Abstract)	
<i>[Signature]</i>		Charlton, et al., "The synthesis of 2-methylchromone-3-carboxylic acid", J. Heterocycl. Chem., Vol. 17, No. 3, pages 593-594, 1980. (Abstract)	

<b>Examiner Signature</b>	<i>[Signature]</i>	<b>Date Considered</b>	<i>[Signature]</i>
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Substitute for form 1449B/PTO		<b>Complete if Known</b>	
		Application Number	10/684,644
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Filing Date	October 14, 2003
		First Named Inventor	Shalini Sharma
		Group Art Unit	1624
		Examiner Name	Sudhaker Patel
		Attorney Docket Number	18015-D1
Sheet	9	of	10

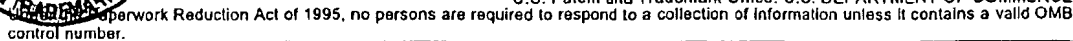
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PS		Liu, et al., "The New Antidiabetic Drug MCC-555 Acutely Sensitizes Insulin Signaling in Isolated Cardiomyocytes", Endocrinology, Vol 139, No. 11, pages 4531-4539, (1998).	
PS		Kees, et al., "Perfluoro-N-[4-(1 H-tetrazol-5-ylmethyl) Phenyl]-alkanamides. A New Class of Oral Antidiabetic Agents", Journal of Medicinal Chemistry, Vol. 32, pages 11-13, (1989).	
PS		Shinkai, et al. "4-(trans-4-Methylcyclohexyl)-4 Oxobutyric Acid (JTT-608). A New Class of Antidiabetic Agent", Journal of Medicinal Chemistry, Vol 41, No. 27, pages 5420-5428, (1998).	
PS		Abstract 560-P, Hodge, et al. "PN2022: Antidiabetic Efficacy and Reversal of Steatohepatitis in ob/ob Mice", Diabetes, Abstract Book 62nd Scientific Sessions, Vol. 51 Suppl. 2, page A139, June 2002.	
PS		Abstract 561-P, Hodge, et al., "PN2034: Orally Active Antidiabetic Agent with a Unique Spectrum of of Activity and Enhanced Safety Profile", Diabetes, Abstract Book 62nd Scientific Sessions, Vol. 51 Suppl. 2, page A139, June 2002.	
PS		Abstract 568-P, Lu, et al., "A Novel Antidiabetic Agent That is a Selective PPAR Modulator", Diabetes, Abstract Book 62nd Scientific Sessions, Vol 51, Suppl. 2., page A141, June 2002.	
PS		Abstract 586-P, von Borstel, et al. "PN2034: Reversal of Insulin Resistance and Attenuation of Weight Gain in Mice on a High-Fat Diet", Diabetes, Abstract Book 62nd Scientific Sessions, Vol 51, Suppl. 2, page A145, June 2002.	
PS		Poster #560, Hodge, et al., "PN2022: Antidiabetic Efficacy and Reversal of Steatohepatitis in ob/ob Mice." Presentation at the 62nd Scientific Sessions, Meeting of the American Diabetes Association on June 14- 18, 2002 and corresponding to Abstract 560-P.	
PS		Poster #561, Hodge, et al., "PN2034: Orally Active Antidiabetic Agent with a Unique Spectrum of Activity and Enhanced Safety Profile", Presentation given at the 62nd Scientific Sessions, Meeting of the American Diabetes Association on June 14-18, 2002 and corresponding to Abstract 560-P.	
PS		Poster #568, Lu, et al., "PN2034-A Novel Antidiabetic Agent That is a Selective PPAR Modulator", Presentation given at the 62nd Scientific Sessions, Meeting of the American Diabetes Association on June 14-18, 2002 and corresponding to Abstract 568-P.	
PS		Poster #586, von Borstel, et al., "PN2034: Reversal of Insulin Resistance and Attenuation of Weight Gain in Mice on a High-Fat Diet", Presentation given at the 62nd Scientific Sessions, Meeting of the American Diabetes Association on June 14-18, 2002 and corresponding to Abstract 586-P.	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Application Number</b>	10/684,644
			<b>Filing Date</b>	October 14, 2003
			<b>First Named Inventor</b>	Shalini Sharma
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			<b>Examiner Name</b>	Sudhaker Patel
Sheet	10	of 10	<b>Attorney Docket Number</b>	18015-D1

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<i>JS</i>		Owada, et al., "Improved synthesis of tricin", Nippon Kagaku Zasshi, Vol. 91, No. 10, pages 1002-1003, 1970. (Abstract).	
<i>JS</i>		Veronese, et al., "Ozonolysis of derivatives of 7-hydroxytryptophan", Gazz. Chim. Ital., Vol. 97, No. 1, pages 18-24, 1967. (Abstract)	
<i>JS</i>		Kawamatsu, et al., Studies on antihyperlipidemic agents. Part 1. Synthesis and hypolipidemic activities of phenoxyphenylalkanoic acid derivatives", Arzneimittel. Forsch., Vol. 30, Issue 3, pages 445-459, 1980. (Abstract)	
<i>JS</i>		Chemical Abstract DN 132:22755, also cited as WO99/62520.	
<i>JS</i>		Chemical Abstract DN 126:74645, also cited as J. Chem. Soc., Parkins Transactions 1, Org & Bio-Org. Chem., 21, 2603-2613, 1996.	
<i>JS</i>		Chemical Abstract DN 117:251790, also cited as Wo 92/12123.	
<i>JS</i>		Chemical Abstract DN 113: 115839, also cited as Synthetic communications, 20/5,773-81, 1990.	
<i>JS</i>		Chemical Abstract DN 99: 122287, also cited as EP 71399.	
<i>JS</i>		Kawamatsu et al., Arzneimittel. Forsh., Vol. 30 ISS3, 454-459, 1980.	

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